

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (CANCELLED)
2. (CURRENTLY AMENDED) The paint according to ~~Claim 1~~ Claim 7, wherein said urethane-acrylate oligomer is of an aromatic type.
3. (CURRENTLY AMENDED) The paint according to ~~Claim 1~~ Claim 7, wherein said urethane-acrylate oligomer is of a bifunctional type.
4. (CANCELLED)
5. (CURRENTLY AMENDED) The paint according to ~~C-Claim 1~~ Claim 7, ~~wherein said further comprising a bifunctional type~~ multifunctional acrylic monomeric reactive diluent ~~is of a bifunctional type.~~
6. (CANCELLED)
7. (PREVIOUSLY PRESENTED) A single coat paint for plastic or metallic materials comprising:

one or more acrylic-based resins crosslinkable solely by exposure to ultraviolet (UV) radiation, the one or more resins comprising a urethane-acrylate oligomer, in a weight percentage of between 30wt% and 60wt%;

one or more photo-initiators as sources of free radicals present in an amount ranging between 0.5 wt% and 5.0 wt%, to induce cross-linking of said acrylic resin in the presence of UV radiation;

one or more fillers;

a dispersion of waxes in solvents for orienting said fillers, wherein at least a portion of the solvents evaporates at a temperature of between 40°C and 60°C, wherein said wax is an ethylene-acrylic acid (EAA) copolymer or an ethylene-vinyl-acetate (EVA) copolymer, or mixtures thereof; and

leveling additives;

wherein said paint is crosslinkable solely by exposure to UV radiation.

8-13. (CANCELLED)

14. (PREVIOUSLY PRESENTED) A single coat paint for plastic or metallic materials comprising:

one or more acrylic-based resins crosslinkable solely by exposure to ultraviolet (UV) radiation, the one or more resins comprising a urethane-acrylate oligomer, in a weight percentage of between 30wt% and 60wt%;

one or more photo-initiators as sources of free radicals present in an amount ranging between 0.5 wt% and 5.0 wt%, to induce cross-linking of said acrylic resin in the presence of UV radiation;

one or more fillers;

a dispersion of waxes in solvents for orienting said fillers, wherein at least a portion of the solvents evaporates at a temperature of between 40°C and 60°C;

leveling additives, wherein the leveling additives are silicone monomers or oligomers with acrylic functionality that can undergo cross-linking by means of UV radiation, and hydroxyfunctional silicone monomers or oligomers; and

wherein said paint is crosslinkable solely by exposure to UV radiation.

15-17. (CANCELLED)

18. (PREVIOUSLY PRESENTED) The method according to Claim 22, wherein the application of said paint on the substrate comprises electrostatic spraying.

19. (PREVIOUSLY PRESENTED) The method according to Claim 22, wherein in order to facilitate application by spraying of said paint, the paint is diluted with appropriate solvents mixed in the step immediately prior to application.

20. (PREVIOUSLY PRESENTED) The method according to Claim 22, wherein the paint comprises the application of an electrostatic primer on the substrate to provide-conductive properties to the substrate prior to the painting step.

21. (PREVIOUSLY PRESENTED) The method according to Claim 22, wherein the method comprises, after the painting step, a flash-period step in which the painted substrate is heated to a temperature of between 40° and 60°C to eliminate the excess solvent present prior to UV irradiation.

22. (PREVIOUSLY PRESENTED) A method for painting plastic or metallic substrates, comprising applying a single coat paint for plastic or metallic materials, the paint comprising:

one or more acrylic-based resins crosslinkable solely by exposure to ultraviolet (UV) radiation, the one or more resins comprising a urethane-acrylate oligomer, in a weight percentage of between 30wt% and 60wt%;

one or more photo-initiators as sources of free radicals present in an amount ranging between 0.5 wt% and 5.0 wt%, to induce cross-linking of said acrylic resin in the presence of UV radiation;

one or more fillers;

a dispersion of waxes in solvents for orienting said fillers, wherein at least a portion of the solvents evaporates at a temperature of between 40°C and 60°C;

leveling additives; and

wherein said paint is crosslinkable solely by exposure to UV radiation;

wherein said substrate is a housing for cellphones.

23. (PREVIOUSLY PRESENTED) A method for painting cellphone housings comprising:

positioning of said housings on suitable sample-holders and transfer thereof by means of a conveyor into a treatment area;

application of an electrostatic primer on the surface of said housings to render them conductive;

spraying of a paint for plastic or metallic materials, the paint comprising:

- a) one or more acrylic-based resins that can undergo cross-linking by exposure to ultraviolet (UV) radiation, wherein said acrylic-based resin comprises a urethane-acrylate oligomer in a weight percentage of between 30 wt% and 60 wt%;
- b) one or more photo-initiators as sources of free radicals present in an amount ranging between 0.5 wt% and 5.0 wt%, to induce cross-linking of said acrylic resin in the presence of UV radiation;
- c) one or more fillers;
- d) a dispersion of waxes in solvents for orienting said fillers; and
- e) leveling additives;

wherein with the use of two guns oriented on the top part of said housings and of one gun oriented towards the bottom side part of said housings, said housings pass twice in front of said guns, a first time in a direction with right-spin rotation and a second time in the opposite direction with left-spin rotation;

heating of the painted housings to a temperature of between 40-60°C to evaporate part of the solvent present in the paint; and

irradiation by means of UV light of the painted housings to obtain cross-linking of said paint.

24. (CANCELLED)